

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
934855	W-127.01	Change

2. Date: October 1, 2000

Revised: May 10, 2001

5. Agency: WSSC

3. Project Name: Potomac Bi-County Supply Main

4. Program: Sanitation 6. Planning Area: Bi-County

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '00	(10) Estimate FY '01	(11) Total 6 Years	(12) Year 1 FY '02	(13) Year 2 FY '03	(14) Year 3 FY '04	(15) Year 4 FY '05	(16) Year 5 FY '06	(17) Year 6 FY '07	(18) Beyond 6 Years
Planning, Design & Supervision	6,031	1,370		4,661				2,004	1,992	665	
Land											
Site Improvements & Utilities											
Construction	54,991			54,991					29,627	25,364	
Other	5,965			5,965				200	3,162	2,603	
Total	66,987	1,370		65,617				2,204	34,781	28,632	

C. Funding Schedule (000's)

WSSC Bonds	27,617	1,370		26,247				882	13,912	11,453	
SDC & Other	39,370			39,370				1,322	20,869	17,179	

D. Description & Justification**DESCRIPTION**

This project involves an alignment study, extensive community outreach efforts, design and construction of 30,200 feet of a proposed 84-inch diameter water main between the intersection of Tuckerman Lane and Route 1-270 and the western terminus of the Bi-County Water Tunnel near the area where Rock Creek crosses the Capital Beltway (Maryland Route 495).

Service Area Montgomery Main Pressure Zone HG495, Prince George's High Pressure Zone HG450

JUSTIFICATION**Plans & Studies**

Montgomery and Prince George's Main Zone Facility Plan, Black and Veatch, Inc., October 1990; and the General Plan.

Specific Data

This project, in conjunction with the Bi-County Water Supply Improvement Project, will significantly increase transmission capacity from the Potomac Water Filtration Plant to the Montgomery County Main Zone and Prince George's County. The alignment study will decide such issues as the alignment and the method of construction (i.e., tunnel vs. open-cut).

Cost Increase

Not applicable.

STATUS Facility Planning (WSSC Contract No. BL9972A94, Potomac Bi-County Supply Main).

OTHER

The project scope has remained the same. Design and construction of a pipe sleeve for the portion of the project right-of-way located on the site of the Rockledge Drive Connector planned by SHA will be funded directly by SHA. With regard to the project as a whole, the councils will continue to discuss with WSSC significant changes in consumption patterns by WSSC customers and the impact on this project with regard to possible deferral. This is an order of magnitude estimate with a confidence interval of +50% and -30%, assuming the entire project is open-cut. Tunneling will increase costs up to 100%. Land costs are included in WSSC Project W-202.00.

COORDINATION

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission (anticipates receiving Mandatory Referral submissions from the WSSC as this project moves toward final completion of design.) and Maryland State Department of Transportation.

TE This project supports 60% Growth and 40% System Improvement.

Program Costs	Staff		
	Other		
Facility Costs	Maintenance	34	08
	Debt Service	2312	08
Total Costs		2346	08
Impact on Water or Sewer Rate		5¢	08

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 93
Date First Approved	FY 93
Initial Cost Estimate	63,000
Cost Estimate Last FY	65,678
Present Cost Estimate	66,987
Approved Request, Last FY	
Total Expenditures & Encumbrances	1,370
Approval Request FY 02	
Supplemental Approval Request Current FY (01)	

G. Status Information

Land Status:	Site not determined
% Project Completion:	P-90%
Est. Completion Date:	FY 2007

H. Map Map Reference Code:

SEE ATTACHED MAP

